



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Flush-type connector - SACC-DSI-M 8MS-3CON-L180 SH - 1455997

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Sensor/actuator flush-type connector, connector, 3-pos. M8, rear/screw mounting with M8 fastening thread, with straight solder connection

### Why buy this product

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ Standard pin assignments and codings for signal transmission with a uniform design-in design
- ✓ For high transmission reliability: optional shield connection to the housing and latching on the PCB

RoHS

### Key Commercial Data

|              |  |
|--------------|--|
| Packing unit | 20 STK   |
| GTIN         |  |
| GTIN         | 4046356605953  |

### Technical data

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Degree of protection            | IP67             |

#### General

|                       |                              |
|-----------------------|------------------------------|
| Rated current at 40°C | 4 A                          |
| Rated voltage         | 50 V AC                      |
|                       | 60 V DC                      |
| Rated surge voltage   | 0.8 kV                       |
| Number of positions   | 3                            |
| Insulation resistance | ≥ 100 MΩ                     |
| Coding                | A - standard                 |
| Standards/regulations | M8 connector IEC 61076-2-104 |
| Signal type/category  | Universal                    |
| Status display        | No                           |

# Flush-type connector - SACC-DSI-M 8MS-3CON-L180 SH - 1455997

## Technical data

### General

|                      |                                    |
|----------------------|------------------------------------|
| Overvoltage category | II                                 |
| Degree of pollution  | 3                                  |
| Connection method    | Solder pins                        |
| Mounting type        | Rear mounting M8 x 1 With flat nut |

### Material

|  |                              |
|--|------------------------------|
| Flammability rating according to UL 94 | HB                           |
| Contact material                       | Cu alloy                     |
| Contact surface material               | Au                           |
| Contact carrier material               | PA 66                        |
| Material, knurls                       | Zinc die-cast, nickel-plated |
| Sealing material                       | NBR                          |

### Cable

|                                 |                              |
|---------------------------------|------------------------------|
| Standards/specifications        | M8 connector IEC 61076-2-104 |
| Ambient temperature (operation) | -25 °C ... 85 °C             |

### Standards and Regulations

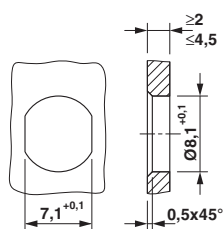
|  |                 |
|--|-----------------|
| Standard designation                   | M8 connector    |
| Standards/regulations                  | IEC 61076-2-104 |
| Flammability rating according to UL 94 | HB              |

### Environmental Product Compliance

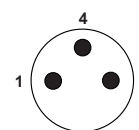
|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing



Schematic diagram

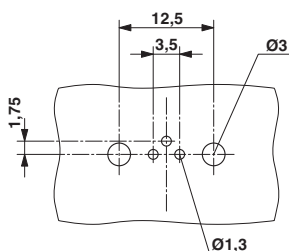


Pin assignment M8 plug, 3-pos., view male side

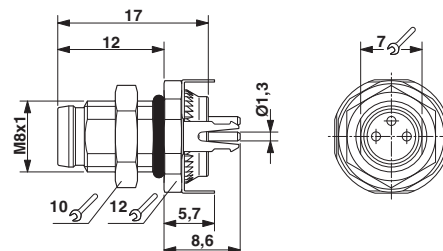
Mounting panel with feed-through hole

## Flush-type connector - SACC-DSI-M 8MS-3CON-L180 SH - 1455997

Drilling diagram



Dimensional drawing



Drilling diagram

M8 flush-type plug

### Approvals

#### Approvals

#### Approvals

#### EAC

#### Ex Approvals

#### Approval details

EAC



B.01742

Phoenix Contact 2017 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>